



(FW)

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q80312

Toru IKEDA

Appln. No.: 10/797,040

Group Art Unit: 3747

Confirmation No.: 4666

Examiner: Arnold Castro

Filed: March 11, 2004

For: IGNITION CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE

RESPONSE UNDER 37 C.F.R. § 1.111

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated October 6, 2005, please consider the remarks as submitted herewith on the accompanying pages.

REMARKS

Claims 1-8, all the claims pending in the application, stand rejected.

Claim Rejections - 35 U.S.C. § 102

Claims 1-6 are rejected under 35 U.S.C. § 102(b) as being anticipated by Cabis et al (6,208,131). This rejection is traversed for at least the following reasons.

The present invention is an ignition control apparatus for an internal combustion engine. As explained at page 4, an object is to avoid the ignition control upon occurrence of reverse rotation of the internal combustion engine by discriminatively identifying the forward or reverse rotation of the engine on the basis of detection periods of rotation sensor signal generated by a single rotation sensor. A further object is to perform low-speed retard ignition control at a fixed ignition position based on a predicted ignition timing while avoiding the ignition control upon occurrence of a reverse rotation of the internal combustion engine.